



**Kwame Nkrumah University
of Science and Technology,
Kumasi**

Overview of RWESCK KNUST, Kumasi-Ghana

Presented by
Mr. Kofi Akodwaa-Boadi
Centre Manager

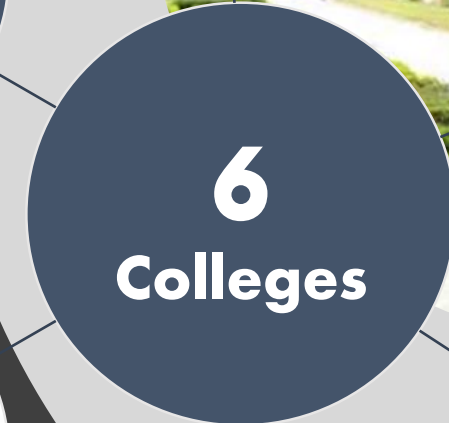
About KNUST

Full-fledged University status 1961.

Mission Statement

To advance knowledge in science and technology through creating an environment for undertaking relevant research, quality teaching, entrepreneurship training and community engagement to improve the quality of life.

Student population stands at over 50,000



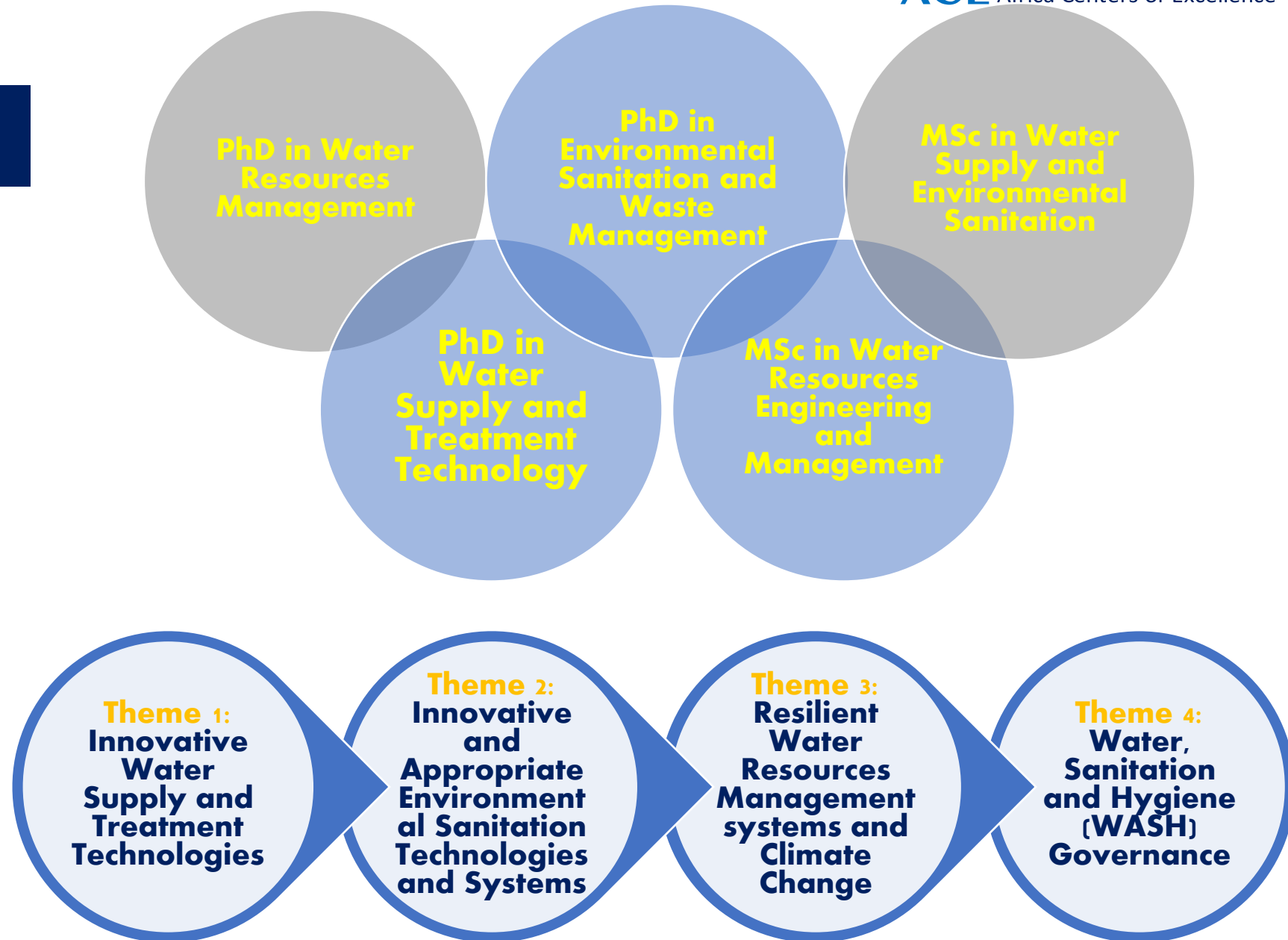
About the Center

Vision and Mission

To be a recognized hub for advancing research knowledge, developing innovative technologies, providing high quality training in water, sanitation and hygiene (WASH) for sustainable development of West Africa.

Focus Area

Water Resources, Climate Change, Water Treatment and Supply, Waste Management and Environmental Sanitation, WASH Governance



For Partner Universities

For Partner Companies

**Joint
research
and
supervision**

**Guest
Lecturer
appointments,
External
examination**

**Faculty
and
student
exchanges**

**Joint
proposal
for grant
funding**



**Joint Product
development**



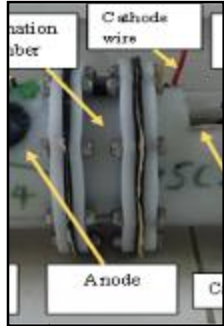
**Investment in
contract
research/R & D**



**Investment to
scale start-ups**



**Product
development,
piloting laboratory**



Desalinating saline water and treating wastewater without need for chemical buffers and catholytes



An 'Upflow Multimedia Filter System for treatment of wastewater from chemical laboratories



Conversion of faecal sludge and food wastes into biochar for use as fertilizer.



Use of organic waste as feedstock for poultry birds



This innovation was to develop a filter that could remove chloride salinity from drinking water.

Contact

- rwesckproject@gmail.com
- www.rwesck.org
- **PMB UPO KNUST KUMASI**





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